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CSA C22.2 No. 1993:24
National Standard of Canada

Self-ballasted lamps and lamp adapters

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National Standard of Canada

CSA C22.2 No. 1993:24

Self-ballasted lamps and lamp adapters

ICS 29.140, 29.140.30

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Through a robust mapping process, connections between CSA C22.2 No. 1993:24 and the following SDGs have been identified:

SDG		
Targets	7.1, 7.3	9.b, 9.1

CSA C22.2 No. 1993:24 has notable linkages with the following SDGs:

- SDG 7: *Affordable and Clean Energy*
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Standard for Safety for Self-Ballasted Lamps and Lamp Adapters

Fourth Edition, Dated May 17, 2024

Summary of Topics

This new Fourth Edition dated May 17, 2024 includes the following changes in requirements:

– Flammability rating of polymeric lamp bases
– Additional instructions for Type A LED lamps
– Revision to A8.8 Drop Impact Test
–Alternate wattage limit for high-lumen lamps
– Revisions to production line test conditions
– Lamps for use in elevated ambient temperatures
– Merging of duplicate rigidity after drop test methods
– Protective functions during the temperature test
– Wireless control circuits
– LED Lamps – Current Cascade Abnormal
– Edison screw base length
– Correction of footnote b in Table 5.2
– Corrections to various errors
– Updates to ANCE references – 2.1
– 4.5.1.2: Add the reference – NMX-J-198-ANCE-2015
– 5.3.1: Add the publication year to the reference NMX-565/2-11-ANCE
– 5.3.3: Add the reference NMX-J-565/3-ANCE-2006
– Table 5.2 – Add a note; updates to footnote b and footnote c
– 5.4.5: update reference to: NMX-J-024-ANCE-2018
– 6.1.1, Delete all references to NMX-J-325-ANCE
– 6.4.5: update reference to: NMX-J-578-ANCE-2006
– B3.8 (b): add NMX-J-591/1-ANCE-2007 & NMX-J-591/2-6-ANCE-2020
– C4.5.2: Add the reference NMX-J-295/2-ANCE-2010
– Correction: Add reference to UL 2054, in Section 2, Reference Publications
– Updates to E2 Reference Publications and E5 Markings and Instructions in Annex E for Special use lamps .

Association of Standardization and Certification
NMX-J-578/1-ANCE-2024
Fourth Edition

CSA Group
CSA C22.2 No. 1993:24
Fourth Edition

ULSE Inc.
UL 1993
Sixth Edition

Self-Ballasted Lamps and Lamp Adapters

May 17, 2024

ANSI/UL 1993-2024

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Preface

This is the harmonized ANCE, CSA Group, and ULSE standard for Self-Ballasted Lamps and Lamp Adapters. It is the fourth edition of NMX-J-578/1-ANCE, the fourth edition of CSA C22.2 No. 1993, and the sixth edition of UL 1993. This edition of NMX-J-578/1-ANCE supersedes the previous edition published in 2017. This edition of CSA C22.2 No. 1993 supersedes the previous edition published in 2017. This edition of UL 1993 supersedes the previous edition published in 2017.

This harmonized standard was prepared by the Association of Standardization and Certification (ANCE), CSA Group, and ULSE. The efforts and support of the Technical Harmonization Committee for Self-Ballasted Lamps, of the Council of the Harmonization of Electrotechnical Standards for the Nations of the Americas (CANENA), are gratefully acknowledged.

This standard is considered suitable for use for conformity assessment within the stated scope of the standard.

The present Mexican standard was developed by the CT 34 – Iluminación from the Comite de Normalizacion de la Asociacion de Normalizacion y Certificacion, A.C., CONANCE, with the collaboration of the lamps and ballasts manufacturers and users.

This standard was reviewed by the CSA Integrated Committee on Lighting Products, under the jurisdiction of the CSA Technical Committee on Consumer and Commercial Products and the CSA Strategic Steering Committee on Requirements for Electrical Safety, and has been formally approved by the CSA Technical Committee. This standard has been developed in compliance with Standards Council of Canada requirements for National Standards of Canada. It has been published as a National Standard of Canada by CSA Group.

Application of Standard

Where reference is made to a specific number of samples to be tested, the specified number is to be considered a minimum quantity.

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